

## ABSTRACT

A fluid delivery device is provided which comprises a microchannel device for cutting out a certain amount of a sample from a micorochannel by  
5 controlling a valve opening. The fluid delivery device has a valve for controlling a flow of a fluid, comprising a flow channel for the fluid, and a valve in the flow channel, wherein the valve operates in accordance with a pressure difference between the  
10 upstream side and downstream side of the valve caused by the flow of the fluid through the flow channel, allowing the fluid to flow when the pressure difference is lower than a prescribed value  $P_0$ , and intercepting the fluid not to flow when the pressure  
15 difference is  $P_0$  or more.